

ABSTRACT OF THE DISCLOSURES

An evaporation apparatus for solvent fuel has an extra fuel reservoir installed outside of an evaporation tank, and a fuel level controller for
5 controlling the amount of fuel in the evaporation tank so as to maintain the concentration of gaseous fuel in the evaporation tank in a preferable state for stable combustion. The fuel level controller is composed of a float bowl and a gate switch, the on/off of the latter is controlled by the position of the former which in turn controls the amount of fuel contained in the evaporation tank. A
10 heating strip installed outside of the evaporation tank is connected with a temperature controller having a temperature gage to control the inner temperature of the evaporation tank stably at a constant value. This apparatus has only to heat a small amount of fuel in a short heating time so that the temperature can be easily controlled and the quality of the fuel is upgraded by
15 keeping the concentration of gaseous fuel stably.

(Fig. 2)